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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER DCDispUSP154
INTERNATIONAL APPLICATION NO. PCT/US04/018642	INTERNATIONAL FILING DATE 09 June 2004	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
PRIORITY DATE CLAIMED 09 June 2003		
TITLE OF INVENTION Diaphragm Metering Chamber Dispensing Systems		
APPLICANT(S) FOR DO/EO/US Peter Falb, Charles W. Thaxter, Sr., David Clare, Victor Sacco, Jr., Scott Leon, Shannon Lucia, Eric R. Rioux		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
	PCT/US04/018642	DCDispUSP154

20. Other items or information:

Firm Letter of Transmittal; Credit Card Form; Certificates of Express Mailing; Postcard

The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500				\$ 100.00	
TOTAL OF 21, 22 and 23 =				600.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$ 0.00	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	30 - 20 =	10	x \$ 50	\$ 500.00	
Independent claims	3 - 3 =	0	x \$200	\$ 0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360	\$ 0.00
TOTAL OF ABOVE CALCULATIONS =				\$ 1,100.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.					
				SUBTOTAL =	\$ 1,100.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				+	\$
				TOTAL NATIONAL FEE =	\$ 1,100.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$ 40.00
				TOTAL FEES ENCLOSED =	\$ 1,140.00
				Amount to be refunded:	\$
				Amount to be charged	\$

- a. A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Nicole A. Ressue
Santangelo Law Offices, P.C.
125 South Howes Street, Third Floor
Fort Collins, CO 80521

Nicole A. Ressue 12/9/2005

SIGNATURE

Nicole A. Ressue

NAME

USPTO Reg. No. 48,665

REGISTRATION NUMBER

1AP4 Rec'd 07/07/05 19 DEC 2005

10/559977

Express Mail No: EV603556947US

IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE

Application Number:

Filed:

Applicants: Peter Falb, Charles W. Thaxter, Sr., David Clare, Victor Sacco, Jr.,
Scott Leon, Shannon Lucia, Eric R. Rioux

Title: Diaphragm Metering Chamber Dispensing Systems

International Application No: PCT/US04/018642, Filed 09 June 2004

Original US Applications: 60/477,382, Filed 09 June 2003

TC/A.U:

Examiner:

Assignee: Dako Denmark A/S

Attorney Docket: DCDispUSP154

Customer No. 33549

LETTER OF TRANSMITTAL

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Sir:

Enclosed for filing is an application for patent entitled "Diaphragm Metering Chamber Dispensing Systems" including the following documents:

1. Application Data Sheet;
2. Preliminary Amendment;
3. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) concerning a filing under 35 U.S.C. 371 (FORM PTO-1390 (02/2005));
4. a true and correct copy of the Declaration for Patent Application;;
5. Power of Attorney;

10/559972
IAP8 Rec'd PCT/PTO 09 DEC 2005

6. a true and correct copy of an Assignment of Patent Rights and a true and correct copy of a certified name change document filed in Denmark along with a recordation cover sheet and the prescribed fee;
7. Information Disclosure Statement along with Foreign patent or patent publication references and other references in accordance with the Office's waiver of the requirement under Rule 1.98(a)(2)(ii);
8. this Letter of Transmittal along with a credit card authorization form authorized in the amount of \$ 1140.00;
9. Express Mail Certificates for each document and a return postcard.

Please confirm receipt of the documents by applying your date stamp and serial number on the enclosed postcard and returning it to me.

Please address all future correspondence to: Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, CO 80521.

I have this 9 day of December, 2005, either myself personally or through my direction of staff at this office, deposited all of the items in the above letter of transmittal with the United States Postal Service as Express Mail, postage prepaid, in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

Dated this 9 day of December, 2005.

Respectfully Submitted,
SANTANGELO LAW OFFICES, P.C.

By: Nicole A. Ressue
Nicole A. Ressue
Attorney for Assignee
PTO No. 48,665
125 South Howes, Third Floor
Fort Collins, CO 80521
(970) 224-3100

10/559974

IAP8 Rec'd PCT/PTO 09 DEC 2005

Express Mail No: EV603556947US

IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE

Application Number:

Filed:

Applicants: Peter Falb, Charles W. Thaxter, Sr., David Clare, Victor Sacco, Jr.,
Scott Leon, Shannon Lucia, Eric R. Rioux

Title: Diaphragm Metering Chamber Dispensing Systems

International Application No: PCT/US04/018642, Filed 09 June 2004

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TC/A.U:

Examiner:

Assignee: Dako Denmark A/S

Attorney Docket: DCDispUSP154

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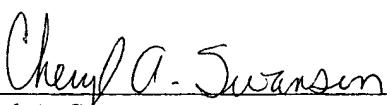
CERTIFICATE OF EXPRESS MAILING

I, Cheryl A. Swanson, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.

2. I have this day deposited the attached Letter of Transmittal along with a credit card form authorized in the amount of \$1140.00 for National Phase filing fee and a return postcard with the United States Postal Service as "Express Mail" for mailing to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated this 9th day of December, 2005.



Cheryl A. Swanson

Express Mail No: EV603556947US

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Application Number:

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Dated this 9th day of December, 2005.

Cheryl A. Swanson
Cheryl A. Swanson

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Dated this 9th day of December, 2005.

Cheryl A. Swanson
Cheryl A. Swanson

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Dated this 9th day of December, 2005.

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Dated this 9th day of December, 2005.

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